TABLE OF CONTENTS

VOLUME 8 1907

PAGES

BLICHFELDT, H. F., of Stanford University, Cal. On modular groups isomorphic with a given linear group 30– 32

BLISS, GILBERT AMES, of Princeton, N. J. A new form of the simplest problem of the calculus of variations 405–414

BOLZA, OSKAR, of Chicago, Ill. Existence proof for a field of extremals tangent to a given curve 399–404

DICKSON, LEONARD EUGENE, of Chicago, Ill. Invariants of binary forms under modular transformations 205–232

_____ Modular theory of group-matrices 389–398

EISENHART, LUTHER PFAHLER, of Princeton, N. J. Applicable surfaces with asymptotic lines of one surface corresponding to a conjugate system of another 113–134

FITE, WILLIAM BENJAMIN, of Ithaca, N. Y. Irreducible linear homogeneous groups whose orders are powers of a prime . . 107–112

FRÉCHET, MAURICE, of Paris, France. Sur les opérations linéaires (troisième note) 433–446

GREENHILL, ALFRED GEORGE, of Woolwich, England. The elliptic integral in electromagnetic theory 447–534

HEDRICK, E. R., of Columbia, Mo. On derivatives over assemblages 345–353

HUTCHINSON, J. I., of Ithaca, N. Y. A method for constructing the fundamental region of a discontinuous group of linear transformations 261–269

KASNER, EDWARD, of New York, N. Y. Dynamical trajectories: the motion of a particle in an arbitrary field of force . . . 135–158

LEVI, BEPPO, of Turin, Italy. Geometrie proiettive di congruenza e geometrie proiettive finite 354–365

LONGLEY, WILLIAM RAYMOND, of New Haven, Conn. A class of periodic orbits of an infinitesimal body subject to the attraction of n finite bodies 159–188

MACLAGAN-WEDDERBURN, J. H., of Edinburgh, Scotland. (With O. VEBLEN.) Non-desarguesian and non-pascalian geometries 379–388

MASON, MAX, of New Haven, Conn. The expansion of a function in terms of normal functions 427–432

MILLER, G. A., of Urbana, Ill. Generalization of the groups of genus zero 1– 13

107100

PAGES

MILLER, G. A., of Urbana, Ill. The groups in which every subgroup is either abelian or hamiltonian 25– 29

MOORE, CHARLES N., of Cambridge, Mass. On the introduction of convergence factors into summable series and summable integrals 299–330

MOORE, R. L., of Princeton, N. J. Geometry in which the sum of the angles of every triangle is two right angles. 369–378

MORLEY, F., of Baltimore, Md. On reflexive geometry 14– 24

RANUM, ARTHUR, of Ithaca, N. Y. The groups of classes of congruent matrices, with application to the group of isomorphisms of any abelian group 71– 91

SMITH, CLARA E., of Northford, Conn. A theorem of Abel and its application to the development of a function in terms of Bessel's functions. 92–106

STORY, WILLIAM EDWARD, of Worcester, Mass. Denumerants of double differentiants 33– 70

VAN VLECK, EDWARD B., of Madison, Wis. A proof of some theorems on pointwise discontinuous functions 189–204

VEBLEN, O., of Princeton, N. J. Collineations in a finite projective geometry 366–368

_____ (with J. H. MACLAGAN–WEDDERBURN). Non-desarguesian and non-pascalian geometries 379–388

WILCZYNSKI, E. J., of Berkeley, Cal. Projective differential geometry of curved surfaces (first memoir) 233–260

WILSON, EDWIN BIDWELL, of New Haven, Conn. Oblique reflections and unimodular strains 270–298

YOUNG, ARCHER EVERETT, of Lafayette, Ind. On certain isothermic surfaces. 415–426

YOUNG, JOHN WESLEY, of Princeton, N. J. General theory of approximation by functions involving a given number of arbitrary parameters 331–344

Notes and errata: volume 8 535–536